

Addendum No. 2

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State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
ENGINEERING DIVISION
P.O. Box 373
Honolulu, Hawaii 96809

ADDENDUM NO. 2

TO

JOB NO. J45CK46A
KO ROAD ROCKFALL MITIGATION, MAKAI SECTION, PART ONE
HANAPEPE, KAUAI, HAWAII

JUL 22 2015

This addendum, as issued shall become part of the Contract Documents, for the subject project. The Bid documents, Plans and Specifications shall be amended as follows:

Questions and Answers from RFIs received by emails:

1. Plan sheet C-6.1 (C,D,H) Tecco Mesh G65/3. Connections. Confirm that seam connections are T3 clips, shackles, and a seam wire rope. Manufacturer recommendations are just the T3 clips.

Answer: Seam connections may consist of T3 clips only where in accordance with the manufacturer's recommendations. See additional Note 1, C-6.1.

2. C-6.1 5. Cable anchors running along the seam (3 evenly spaced) are just where the anchored net meets the drape net?

Answer: Cable anchors as specified in Detail 5/C-6.1 are required at drapery/anchored net only.

3. C-6.1 #3 & #4: The hole size (6") seems excessive for the size of the rock anchors. In the rock bolt specification 02390-5.C. the contractor is responsible for the design submission. That being said can't the contractor determine the diameter of the hole?

Answer: Provided the specified anchor capacities are achieved and anchor testing confirms the capacities, the contractor may select a smaller hole diameter, but not less than 3 inches. The diameter still must allow for adequate cleaning of the drill hole, smooth insertion of the anchor and centralizers into the drill hole, and full even coverage of grout throughout the drill hole and around the full anchor diameter. See revision to details 3 and 4, Sheet C-6.1.

4. C-6.1.H/I the 5/8" boundary rope is shown going through each diamond of the netting. This is not "as per manufacturer's recommendations". They recommend press claws. Please clarify.

Answer: Connections should be in accordance with the manufacturer's recommendations. See revision to details H and I, Sheet C-6.1.

5. C-6.1.G. "Anchor spacing per specifications". There is no anchor spacing in the specifications. What is the spacing for the pattern bolts on the anchored Rockfall netting?

Answer: Spacing of rock bolts that are for anchored rockfall netting shall be 8 feet on center if 1" diameter bar is used and 10 feet on center if 1 1/4" bar is used. See revised specifications 02390 3.2.c.3.

6. Section 02390-1. General Requirements 1.1. "...to install rock bolts for the anchored rock netting system per section 02380 and to stabilize the specific unstable blocks as shown on the plans,..." Are the pattern bolts for the anchored netting (excluding cable anchors) part of the rock anchor pay item or are they to be included as part of the anchored netting price?

Answer: All rock bolts for the anchored netting (Specifications Section 02380) shall be included in pay item #5 of sheet P-2. Only the rock bolts to stabilize specific unstable blocks shall be paid on a per each basis per bid item #6 of sheet P-2. See revised bid schedule (sheet P-2).

7. Proposal Page P-2 Item 1A. Is the unit "per crew hour" or "per man hour"?

Answer: Item 1A is removed from Proposal Page P-2. See revised Proposal Form, P-2.

8. Drapery Rockfall Netting System Section 02378-2 B. wire rope anchors shall be double .75" minimum diameter. Plan sheet C-6.1 #3 shows the diameter is 1". Please clarify?

Answer: The wire rope shall be 1" per C-6.1 3. See revision to specifications Section 02378-2.B.

9. Drapery Rockfall Netting System: are there to be evenly spaced wire rope anchors across the bottom of the system (other than the boundary wire rope anchors)?

Answer: No wire rope anchors are required across the bottom of the drapery except the boundary rope anchors as specified.

10. Section 02378-2.2 (A) calls for TECCO G65-3 mesh, or approved equivalent and then gives minimum requirements for 4mm TECCO (G65/4). I would bid the stronger 4 mm mesh, but if you allow equivalent mesh to high-tensile, 3 mm TECCO I will be overbidding. Which mesh do you want?

Answer: G65-3 or approved equivalent shall be used. See revised specification.

11. Section 02378-2.2 (B) asks for Wire Rope anchors that are double leg, $\frac{3}{4}$ minimum diameter 6x19 and having a minimum breaking strength of 49,600 lbs. This is the spec and strength exactly for stainless 304 wire rope. Your spec asks for 316 SS, which requires going up in rope diameter to meet the minimum break strength. Is there clarification on which minimum we should follow.

Answer: Wire rope anchors shall be a single 1-inch diameter 316 SS of 6x19 construction with a minimum breaking strength of 80,000 lbs.

12. Also, the spec calls for the anchors to have a pressed ferrule and to be splayed at the distal end and a pressed ferrule and thimble at the exposed end. Is this one ferrule at the exposed end and a splayed distal end or is this a pressed ferrule including a "tail" that is splayed at the distal end. Typically there is a ferrule or a splayed distal end. The plans show a splayed distal end.

Answer: Wire rope anchors shall have a splayed distal end and a pressed ferrule and thimble at the exposed end.

13. The plans C-6.1 call for a 1 inch diameter wire rope anchor "per specifications" and show a single leg. Do you want a one inch diameter single leg or a minimum $\frac{3}{4}$ inch double leg, 316 SS rope with a breaking strength requiring a $\frac{7}{8}$ inch diameter rope as described in Section 02378-2.2 (B)?

Answer: See response to question #11 above.

14. Section 02378-2.2 (C) has the same strength, diameter, material grade disagreement as the anchors where the minimum diameter of $\frac{3}{4}$ inch and 49,600 lb. break strength is the exact 304 SS rope spec. Please clarify if this is an error or if you expect all the minimums to be met requiring upsizing.

Answer: Boundary Ropes shall be $\frac{7}{8}$ " 316 SS with a minimum breaking strength of 58,000 lbs. See revised specification.

15. Section 02378-2.2 (D) asks for double $\frac{3}{8}$ inch seam rope. Having double seam rope is a very, very uncommon specification that I have once maybe twice on DLNR projects and strictly on a ring net drape where the ring diameters are 12 inches. It is unclear how this will be constructed using TECCO G65 with an opening of 2.5 inches.

Answer: Seam ropes shall be per the manufacturer's recommendations. See revised specifications.

16. Section 02378-3.1 (C) calls for minimum 3 inch diameter anchor holes, where the plans call for 6 inch holes. Please clarify.

Answer: Provided the specified anchor capacities are achieved and anchor testing confirms the capacities, the contactor may select a smaller hole diameter, but not less than 3 inches. The diameter still must allow for adequate cleaning of the drill hole, smooth insertion of the anchor and centralizers into the drill hole, and full even coverage of grout throughout the drill hole and around the full anchor diameter. See revision to details 3 and 4, Sheet C-6.1.

17. I wanted to see if it would be possible to change the minimum hole diameter for the wire rope anchors and the rock anchors from 6" to 4" (see details 3 & 4 on sheet C-6.1).

Answer: Provided the specified anchor capacities are achieved and anchor testing confirms the capacities, the contactor may select a smaller hole diameter, but not less than 3 inches. The diameter still must allow for adequate cleaning of the drill hole, smooth insertion of the anchor and centralizers into the drill hole, and full even coverage of grout throughout the drill hole and around the full anchor diameter. See revision to details 3 and 4, Sheet C-6.1.

PROPOSAL

1. Proposal – DELETE PROPOSAL FORM in its entirety and REPLACE with the REVISED PROPOSAL FORM to remove Item No. 1A.

PLANS

1. Sheet C-6.1; ADD Note 1 as follows:
“1. Details (C, D, H); Seam connections may consist of T3 clips only where in accordance with the manufacturer’s recommendations.”
2. Sheet C-6.1 Details (H, I); Replace “5/8” \varnothing TOP BOUNDARY ROPE” with “5/8” \varnothing TOP BOUNDARY ROPE CONNECTED PER MANUFACTURER’S RECOMMENDATIONS”.
3. Sheet C-6.1 Details 3 and 4; Replace 6” \varnothing Min. callout with 3” \varnothing Min for the drill holes required for the wire rope and rock bolt anchors.

SPECIFICATIONS

1. Section 02378 Drapery Rockfall Netting System, Part 2 – Products, Subsection 2.2 B Anchor System, **DELETE** “3/4-inch minimum diameter wire rope” and **REPLACE** with “1-inch minimum diameter wire rope” as shown on Plan Sheet C-6.1 Detail (3)”.

2. Section 02378 Drapery Rockfall Netting System, Part 2 – Products, Subsection 2.2 B Anchor System, **ADD** “No wire rope anchors are required across the bottom of the drapery except the boundary rope anchors as specified” at the end of the third Paragraph.
3. Section 02378 Drapery Rockfall Netting System, Part 2 – Products, Subsection 2.2 A Netting, **DELETE** the second paragraph in its entirety and **REPLACE** with the following:

“The mesh shall be of woven construction and diamond-shaped with the ends of each wire formed into a loop, twisted and fastened together to prevent unraveling of the mesh. It shall be manufactured of high strength alloy steel wire with a minimum 0.118-inch (3 mm) diameter and the minimum tensile strength of the wire shall be 1,770 kilonewtons per square meter (256,000 pounds per square inch) for Level 3 drawn Zn5Al wire per ASTM A-1007. The mesh shall have a minimal longitudinal tensile strength or load capacity of 150 kilonewtons per meter (10,278 pounds per foot) and a tensile strength of 12.5 kilonewtons (2,810 pounds).”

4. Section 02378 Drapery Rockfall Netting System, Part 2 – Products, Subsection 2.2 B Anchor System, **DELETE** the second and third paragraphs in their entirety and **REPLACE** with the following:

“Wire rope anchors shall be single 1-inch minimum diameter wire rope of 6x19 construction (or equivalent), IWRC, Type 316 stainless steel (SS) strands with a minimum breaking strength of 80,000 lbs.

Wire rope anchors shall have a splayed distal end and a pressed ferrule and thimble at the exposed end. Anchors shall meet all minimum requirements for borehole diameter, embedment depth, spacing, and number as indicated by the drawings and these specifications.”

5. Section 02378 Drapery Rockfall Netting System, Part 2 – Products, Subsection 2.2 C Boundary Wire Ropes, **DELETE** the first sentence in its entirety and **REPLACE** with the following:

“Boundary wire ropes shall be 6x19 construction (or equivalent), IWRC, Type 316 stainless steel (SS) strands with a minimum breaking strength of 58,000 lbs., shall have a minimum diameter of 7/8 inch, and shall be PVC coated, black in color, to 1/64 inch (3 mil) minimum film thickness.

6. Section 02378 Drapery Rockfall Netting System, Part 2 – Products, Subsection 2.2 D Seam Rope, **DELETE** the paragraph in its entirety and **REPLACE** with the following:

“Seam ropes shall be per the manufacturer’s recommendations, and shall be PVC coated, black in color, to 1/64 inch (3 mil) minimum film thickness. The seam ropes shall be laced through the panel openings and tensioned by hand to provide adequate contact between the panels and the support rope system.”

7. Section 02380 Anchored Rockfall Netting, Part 2 – Products, Subsection 2.2 B Corrosion Protection, **ADD** item c. with the following:

“c. All wire rope materials for anchored rockfall netting shall be PVC coated, black in color, 3 mil thickness.
8. Section 02380 Anchored Rockfall Netting, Part 3 – Execution, Subsection 3.2 C Anchor Installation, **ADD** item 3. With the following:

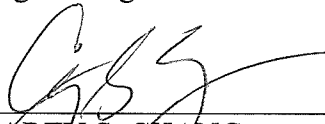
“3. Spacing of rock bolts for anchored rockfall netting shall be 8 feet center to center if 1” diameter bar is used and 10 feet center to center if 1 ¼” bar is used.
9. Section 02390 Rock Bolts, Part 3 – EXECUTION, Subsection 3.1.1 B Tendon Selection, **DELETE** the second sentence in its entirety and **REPLACE** with the following:

“The minimum free stressing (unbonded) length shall be 6 feet as shown on the drawings.
10. Section 02390 – Rock Bolts, Part 4 – Measurement and Payment, **DELETE** first sentence and **REPLACE** with the following:

“Rock Bolts for the Anchored Rockfall Netting System per Section 00238 shall not be paid separately but shall be considered to be incidental in item No. 5 of PROPOSAL Sheet P-2.”
11. Section 02390 – Rock Bolts, Part 4 – Measurement and Payment, **DELETE** last sentence and **REPLACE** with the following:

“The cost for this work will be paid on a unit price basis per bolt installed and accepted in accordance with the contract documents per item No. 6 of the PROPOSAL Sheet P-2.”

Engineering Division



CARTY S. CHANG
Chief Engineer

REVISED PROPOSAL

FOR

DEPARTMENT OF LAND AND NATURAL RESOURCES
ENGINEERING DIVISION
State of Hawaii

JOB NO. J45CK46A
KO ROAD ROCKFALL MITIGATION – MAKAI PHASE, PART ONE
HANAPEPE, KAUAI, HAWAII

_____, 20__

Chief Engineer
Engineering Division
Department of Land and Natural Resources
State of Hawaii
Honolulu, Hawaii

Dear Sir:

The undersigned, having carefully examined the local conditions and all available records and information covering conditions which may affect the cost of the work to be performed, and having carefully examined the Plans and Specifications, and other contract documents, hereby proposes to furnish and pay for all materials, tools, equipment, labor and other incidental work necessary to complete rock slope scaling, install ring net drape and secured drape netting systems and related work, as required or called for in this Proposal, all according to the true intent and meaning of the Notice to Bidders, Information and Instructions to Bidders, Proposal, Detailed Specifications, Interim General Conditions, Plans, and any and all addenda for:

JOB NO. J45CK46A
KO ROAD ROCKFALL MITIGATION – MAKAI PHASE
HANAPEPE, KAUAI, HAWAII

on file in the office of the Engineering Division for the TOTAL BASE BID (Items 1 to 9) of:

Dollars (\$_____)

and will fully complete all work under this contract within 365 consecutive calendar days from the date of written notice to proceed, including date of said order, said total sum being itemized on the following pages.

REVISED PROPOSAL

Item No.	Quantity	Unit	Description	Unit Price	Total
1.		LS	Rock Scaling and Demolition Work; to include scaling and demolition.	LS	\$
2.		LS	Erosion Control BMP's, including all labor, materials and maintenance, installed, completed.	LS	\$
3.		LS	Traffic Control, including all labor and materials, installed complete and operated for duration of project.		\$
4.	65000	SF	Drapery Rockfall Netting system, including all labor and materials, including all surface clearing, anchor testing, and clean up, complete.	\$	\$
5.	60000	SF	Anchored Rockfall Netting system, including all labor and materials, including all surface clearing, anchor installation and testing, and clean up.	\$	\$
6.	50	EA	Rock bolts for localized stabilization as directed by engineer, including all labor and materials, including all surface preparation and testing, installed complete.	\$	\$
7.		LS	Project Sign, in place complete.	LS	\$
8	Allowance		Field Office.		\$ 10,000.00

Subtotal Base Bid (Items 1-8) \$

9.	LS	Mobilization and Demobilization (not to exceed 10% of the Subtotal Base Bid)	LS	\$
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Total Base Bid (Items 1-9) \$

HAWAII PRODUCTS PREFERENCE AND/OR USE OF HAWAII PRODUCTS

In accordance with Act 175, SLH 2009, the Hawaii products preference is applicable to this solicitation. Bidders offering a Hawaii product ("HP") shall identify the HP in the table below.

Persons desiring to qualify their product(s) not currently on the Hawaii Product List, shall complete Form SPO-38, *Certification for Hawaii Product Preference*, and submit the completed form no later than the deadline specified in the procurement notice and solicitation. The responsibility for certification and qualification shall rest upon the person requesting the preference. One form shall be completed and submitted for each product. Form SPO-38 is available at <http://hawaii.gov/spo/goods-services-construction/preferences-103d-pt-x/hi-products/hawaii-product-preferences>

For the purpose of selecting the low bid when a solicitation contains both HP and non-HP, the price offered for a HP item shall be decreased by subtracting 10% for the class I or 15% for the class II HP item(s) offered. The lowest total offer, taking the preference into consideration, shall be awarded the contract, unless the offer provides for additional award criteria. The contract amount of any contract awarded, however, shall be the amount of the price offered, exclusive of the preferences.

In the event of any change that materially alters the bidder's ability to supply the Hawaii product(s), the bidder shall immediately notify the procurement officer in writing and the parties shall enter into discussions for the purpose of revising the contract or terminating the contract for convenience.

Item No.	Pre-Approved Hawaii Product Description & Manufacturer	Class (I or II)	Quantity	Unit Measure	Unit Price	Total Price
1.	<i>[Product Description, Manufacturer Name]</i>	(I)				
2.						
3.						
4.						

RECYCLED PRODUCTS PREFERENCE

This project allows a 10% price preference for recycled products in accordance with HRS 103D-1005. Please indicate your recycled or non-recycled product by indicating its cost FOB jobsite unloaded in the schedule below, including applicable General Excise & Use Taxes.

<u>DESCRIPTION</u>	<u>RECYCLED PRODUCT COST</u>	<u>NONRECYCLED PRODUCT COST</u>
_____	\$ _____	\$ _____
_____	\$ _____	\$ _____
_____	\$ _____	\$ _____
_____	\$ _____	\$ _____

The bidder requesting a recycled product preference shall also complete and submit the form "CERTIFICATION OF RECYCLED CONTENT" as shown in the Interim General Conditions and provide all supporting information with this proposal. Additional information may be requested to qualify a product.

The following definitions are applicable to the CERTIFICATION OF RECYCLED CONTENT form:

"Post-consumer recovered material" means any product used by a consumer, including a business that purchases the material, that has served its intended end use, and that has been separated or diverted from the solid waste stream for the purpose of use, reuse, or recycling.

"Product" includes materials, manufactures, supplies, merchandise, goods, wares, and foodstuffs.

"Recovered material" means waste material and by-products that have been separated, diverted, or removed from the solid waste stream after a manufacturing process for the purpose of use, reuse, or recycling. Recovered material does not include those materials and by-products that are generated and normally reused on-site or within original manufacturing processes (such as mill broke, in the case of paper products).

"Recycled content" means the percentage of a product composed of recovered material, or post-consumer recovered material, or both.

"Recycled product" means a product containing recovered material, or post-consumer recovered material, or both.

The bidder agrees that preference for recycled products shall be taken into consideration to determine the low bidder in accordance with said Section and the rules promulgated, however, the award of contract will be in the amount of the bid offered exclusive any preference.

APPRENTICESHIP AGREEMENT PREFERENCE

1. If applicable to this project, any bidder seeking the preference must be a party to an apprenticeship agreement registered with the State Department of Labor and Industrial Relations (DLIR) at the time the bid is submitted for each apprenticeable trade the bidder will employ to construct the project. "Employ" means the employment of a person in an employer-employee relationship.
 - a. The apprenticeship agreement shall be registered with the DLIR and conform to the requirements of Hawaii Revised Statutes Chapter 372.
 - b. Subcontractors do not have to be a party to an apprenticeship agreement for the bidder to obtain preference.
 - c. The bidder is not required to have apprentices in its employ at the time the bid is submitted to qualify for the preference.
2. A bidder seeking the preference must state the apprenticeable trade the bidder will employ for each trade to be employed to perform the work by submitting a completed signed original Certification Form 1 verifying participation in an apprenticeship program registered with DLIR. "Apprenticeable trade" shall have the same meaning as "apprenticeable occupation" pursuant to Hawaii Administrative Rules (HAR) §12-30-5.
 - a. The *Certification Form 1* shall be authorized by an apprenticeship sponsor listed on the DLIR list of registered apprenticeship programs. "Sponsor" means an operator of an apprenticeship program and in whose name the program is approved and registered with the DLIR pursuant to HAR §12-30-1.
 - b. The authorization shall be an original signature by an authorized official of the apprenticeship sponsor.
 - c. The completed signed original Certification Form 1 for each trade must be submitted with the bid. Previous certifications shall not apply.
 - d. When filling out the *Certification Form 1*, the name of Apprenticeable Trade and Apprenticeship Sponsor must be the same as recorded in the List of Construction Trades in Registered Apprenticeship Programs that is posted on the DLIR website. "Registered apprenticeship program" means a construction trade program approved by the DLIR pursuant to HAR §12-301 and §12-30-4.
 - e. The *Certificate Form 1* and the List of Construction Trades in Registered Apprenticeship Programs is available on the DLIR website at: <http://hawaii.gov/labor/wdd>.
3. Upon receiving the *Certification Form 1*, the Procurement Officer will verify that the apprenticeship program is on the List of Construction Trades in Registered Apprenticeship Programs and that the form is signed by an authorized official of the Apprenticeship Program Sponsor. If the programs and signature are not confirmed by the DLIR, the bidder will not qualify for the preference.
4. If the bidder is certified to participate in an apprenticeship program for each trade which will be

employed by the bidder for the project, a preference will be applied to decrease the bidder's bid amount by five percent (5%) for evaluation purposes.

5. Should the bidder qualify for other preferences (e.g. Hawaii Products), all applicable preferences shall be applied to the bid price.

CONTRIBUTIONS BY STATE AND COUNTY CONTRACTORS PROHIBITED

Contractors are hereby notified of the applicability of Section 11-355, HRS, which states that campaign contributions are prohibited from specified State or county government contractors during the term of the contract if the contractors are paid with funds appropriated by a legislative body.

CONDITION OF AWARD

It is understood that the award of the contract will be made on the basis of the lowest responsible Total Base Bid (Items 1 to 9) selected by the Board of Land and Natural Resources. Write the total of bid items 1 to 9 on page P-1.

It is understood and agreed that the Board of Land and Natural Resources reserves the right to reject any and/or all bids and waive any defects when, in the Board's opinion, such rejection or waiver will be for the best interest of the State of Hawaii.

In the event all bids exceed available funds certified by the appropriate fiscal officer, the head of the purchasing agency responsible for the procurement in question is authorized in situations where time or economic considerations preclude resolicitation of work of a reduced scope to negotiate an adjustment of the bid price, including changes in the bid requirements, with the low responsible and responsive bidder, in order to bring the bid within the amount of available funds. It is understood and agreed upon that the head of the purchasing agency may delete a portion or all of any item(s) in the proposal at the stated unit or lump sum price as necessary to stay within the available funding. The bidder is responsible to make an earnest effort to represent the actual cost of each item, including all materials, labor, equipment, overhead and profit in their bid proposal to preclude claims of anticipated profit or loss of profit because of an unbalanced bid proposal.

It is also understood that if a mutually agreeable cost for the reduced scope of work necessitated by a lack of available funds cannot be agreed upon between the bidder and the head of the purchasing agency within 14 calendar days after the bid opening, then the bid may be rejected in the best interest of the purchasing agency, and the head of the purchasing agency may negotiate in progressive order (lowest to highest) with the next lowest responsible and responsive bidder.

It is also understood and agreed that the award of the contract shall be conditioned upon funds being made available for this project and further upon the right of the Board of Land and Natural Resources to hold all bids received for a period of sixty (60) days from the date of the opening thereof, unless otherwise required by law, during which time no bid may be withdrawn.

It is also understood that Notice to Proceed may be delayed up to one (1) year after the bid opening date, and that no additional compensation will be provided for any claim for escalation or delay for issuance of Notice to Proceed on or before that date.

It is also understood and agreed that the quantities given herewith are approximate only and are subject to increase or decrease, and that the undersigned will perform all quantities of work as either increased or decreased, in accordance with the provisions of the Contract Specifications.

It is also understood and agreed that the estimated quantities shown for the items for which a UNIT PRICE is asked in this Proposal are only for the purpose of comparing on a uniform basis, bids offered for the work under this contract, and the undersigned agrees that he is satisfied with and will at no time, dispute said estimated quantities as a means of claims for anticipated profit or loss of profit, because of a difference between the quantities of the various classes of work done or the materials and equipment installed, and the said estimated quantities. On UNIT PRICE bids, payment will be made only for the actual number of units incorporated into the finished project at the contract UNIT PRICE.

After the proposals are opened and read, the figures will be extended and/or totaled in accordance with the bid prices of the acceptable proposals and the totals will be compared. In the comparison of bids, words written in the proposal shall govern over figures and unit prices will govern over totals. Until the

award of the contract, however, the right will be reserved to reject any and all proposals and to waive any defects or technicalities as may be deemed best for the interest of the State.

It is also understood and agreed that liquidated damages in the amount of THREE HUNDRED AND NO/100 DOLLARS (\$300.00) for each and every calendar day in excess thereof prior to completion of the contract shall be withheld from payments due to the Contractor.

It is also understood and agreed that if this bid is accepted, the successful bidder must enter into and execute a contract with the Board of Land and Natural Resources and furnish a Performance and Payment Bond, as required by law. These bonds shall conform to provisions of Section 103D-324 and 325, Hawaii Revised Statutes and any law applicable hereto.

It is also understood and agreed that the successful bidder will provide all necessary labor, materials, tools, equipment, and other incidentals necessary to do all the work and furnish all the materials specified in the contract in the manner and time herein prescribed, and according to the requirements of the Engineer as therein set forth.

It is understood that by submitting this proposal, the undersigned is declaring that his firm has not been assisted or represented on this matter by an individual who has, in a State capacity, been involved in the subject matter of this contract in the past two years.

It is understood that by submitting this proposal in accordance with HAR 3-122-192, the undersigned is declaring that the price submitted is independently arrived without collusion.

It is also understood that by submitting this proposal, a Certification for Safety and Health Programs for bids in excess of \$100,000 (in accordance with HRS 396-18), the undersigned certifies that his organization will have a written safety and health plan for this project that will be available and implemented by the Notice to Proceed date of this project. Details of the requirements of this plan may be obtained from the Department of Labor and Industrial Relations, Occupational, Safety and Health Division (HIOSH).

It is further understood and agreed that the successful bidder shall comply with paragraph 3.1.a "SUBCONTRACTING" of the General Provisions which requires that the contractor shall perform with his own organization and with the assistance of workmen under his immediate superintendence, work of a value not less than twenty percent (20%) of the value of all work embraced in the Contract, except that certain contract items of work, if specifically referred to in the special provisions, will be exempted from said twenty percent requirement.

Compliance with §103-310 HRS. As a condition of award all bidders shall comply with all laws governing entities doing business in the State, including Chapter 237 HRS (general excise tax); Chapter 383 HRS (employment security – unemployment insurance); Chapter 386 HRS (workers compensation); Chapter 392 HRS (temporary disability insurance); and Chapter 393 HRS (pre-paid health care), and shall produce all documents to the State (DLNR, Engineering Division) required to demonstrate compliance with these subsections. Any bidder making a false affirmation or certification under this subsection shall be suspended and may be debarred from further offerings or awards pursuant to §103D-702 HRS.

RECEIPT OF ADDENDA

The bidder also acknowledges receipt of any and all addenda issued by the Engineering Division, by recording the date of receipt of the respective addenda in the space provided below:

<u>Addendum</u>	<u>Date Received</u>	<u>Addendum</u>	<u>Date Received</u>
No. 1	_____	No. 5	_____
No. 2	_____	No. 6	_____
No. 3	_____	No. 7	_____
No. 4	_____	No. 8	_____

It is understood that failure to receive any such addendum shall not relieve the Contractor from any obligation under this Proposal as submitted.

It is also understood and agreed that if this Proposal is accepted and the undersigned should fail or neglect to contract as aforesaid, the Board may determine that the bidder has abandoned the Contract, and thereupon, forfeiture of the security accompanying his proposal shall operate and the same shall become the property of the Board.

JOINT CONTRACTORS OR SUBCONTRACTORS
TO BE ENGAGED ON THIS PROJECT

The Bidder agrees that the following is a complete listing of all joint contractors or subcontractors covered under Chapter 444, Hawaii Revised Statutes (HRS), who will be engaged by the Bidder on this project to perform the required work indicated pursuant to Section 103D-302, HRS. It is the sole responsibility of the contractor to review the requirements of this Project and determine the appropriate licenses that are required to complete the Project. The Bidder certifies that the completed listing of joint contractors or subcontractors fulfills the requirements for the project and the Bidder, together with the listed subcontractors or joint contractors have all the specialty contractor's licenses to complete the work, except as provided for in HRS §103D-302(b). Failure of the Bidder to comply with this requirement may be just cause for rejection of the bid.

"A" General Engineering Contractors and "B" General Building Contractors are reminded that due to the Hawaii Supreme Court's January 28, 2002 decision in Okada Trucking Co., Ltd. v. Board of Water Supply, et al., 97 Haw. 450 (2002), they are prohibited from undertaking any work, solely or as part of a larger project, which would require the general contractor to act as a specialty contractor in any area in which the general contractor has no license. Although the "A" and "B" contractor may still bid on and act as the "prime" contractor on an "A" or "B" project (*See, HRS §444-7 for the definitions of an "A" and "B" project.*), respectively, the "A" and "B" contractor may only perform work in the areas in which they have the appropriate contractor's license (*An "A" or "B" contractor obtains "C" specialty contractor's licenses either on its own, or automatically under HAR § 16-77-32*). The remaining work must be performed by appropriately licensed entities.

General Engineering "A" Contractors automatically have these "C" specialty contractor's licenses: C-3, C-9, C-10, C-17, C-24, C-31a, C-32, C-35, C-37a, C-37b, C-38, C-43, C-49, C-56, C-57a, C-57b and C-61.

General Building "B" Contractors automatically have these "C" specialty contractor's licenses: C-5, C-6, C-10, C-12, C-24, C-25, C-31a, C-32a, C-42a and C-42b.

In completing the Joint Contractors or Subcontractors List, describe the specialty contractor's nature and scope of work to be performed for this project and provide the complete firm name of the joint contractor or subcontractor in the respective columns. If the Bidder is a general contractor providing the work of a required specialty contractor, whose license is not automatically held pursuant to HAR 16-77-32, fill in the Bidder's (general contractor's) name and nature and scope of work to be performed on this project.

List only one joint contractor or subcontractor per required specialty contractor's classification, unless within the same specialty, the work of each joint contractor or subcontractor can be described so that there is no overlap in work descriptions.

If a contractor's license is required by law for the performance of the work which is called for in this bid, the bidder and all subcontractors must have the required license before the submission of the bidder's proposal in the case of a non-federal aid project, and for federal-aid projects, the bidder must have the required license prior to the award of the project and all subcontractors prior to the start of the subcontracted work.

COMPLETE FIRM NAME OF JOINT CONTRACTOR OR SUBCONTRACTOR	NATURE AND SCOPE OF WORK TO BE PERFORMED

Enclosed herewith is a:

- | | | | |
|----|-----------------------------|---|--------|
| 1. | Surety Bond (*1) |) | |
| 2. | Legal Tender (*2) |) | |
| 3. | Cashier's Check (*3) |) | |
| 4. | Certificate of Deposit (*3) |) | in the |
| 5. | Certified Check (*3) |) | amount |
| 6. | Official Check (*3) |) | of |
| 7. | Share Certificate (*3) |) | |
| 8. | Teller's Check (*3) |) | |
| 9. | Treasurer's Check (*3) |) | |

(Cross Out Those Not Applicable)

_____ Dollars (\$_____)

as required by law.

Respectfully submitted,

Name of Company, Joint Venture
or Partnership

Contractor's License No.

By _____
Signature (*4)

Title _____

Print Name _____

Date _____

Address _____

Telephone No. _____

E-Mail Address _____

NOTES:

1. Surety bond underwritten by a company licensed to issue bonds in this State;
2. Legal tender; or
3. A certificate of deposit; share certificate; or cashier's, treasurer's, teller's, or official check drawn by, or a certified check accepted by, and payable on demand to the State by a bank, a savings institution, or credit union insured by the Federal Deposit Insurance Corporation or the National Credit Union Administration.
 - A. These instruments may be utilized only to a maximum of \$100,000.
 - B. If the required security or bond amount totals over \$100,000, more than one instrument not exceeding \$100,000 each and issued by different financial institutions shall be accepted.
4. Please attach to this page evidence of the authority of this officer to submit bids on behalf of the Company and also the names and residence addresses of all officers of the Company.
5. Fill in all blank spaces with information asked for or bid may be invalidated. PROPOSAL MUST BE INTACT, MISSING PAGES MAY INVALIDATE YOUR BID.

End of Proposal

Addendum No. 1

Addendum No. 1

Addendum No. 1

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Addendum No. 1

State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
ENGINEERING DIVISION
P.O. Box 373
Honolulu, Hawaii 96809

ADDENDUM NO. 1

TO

JOB NO. J45CK46A
KO ROAD ROCKFALL MITIGATION, MAKAI SECTION, PART ONE
HANAPEPE, KAUAI, HAWAII

JUL 10 2015

This addendum, as issued shall become part of the Contract Documents, for the subject project.
The Plans and Specifications shall be amended as follows:

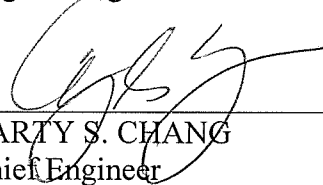
NOTICE TO BIDDERS and BIDDER'S REMINDER SHEETS

Postpone Bid Opening date from July 16, 2015 to August 20, 2015 at 2:00 p.m.

PRE-BID CONFERENCE

A pre-bid conference and site visit was held on June 30, 2015 at 9:30 a.m. located at Ko Road, Hanapepe, Kauai, Hawaii. See attached Summary of the conference.

Engineering Division



CARTY S. CHANG
Chief Engineer

Summary of Pre-bid Conference:

Date: June 30, 2015 (9:30 a.m.)

Place: Ko Road, Hanapepe, Kauai, Hawaii, Hawaii

Re: Pre-bid conference and site visit Meeting Summary for Job No. J45CK46A KO ROAD ROCKFALL MITIGATION, MAKAI SECTION, PART ONE, HANAPEPE, KAUAI, HAWAII

Meeting was opened by project engineer, Brian Chang, who introduced the project.

1. Scope of work: The work shall generally consist of all materials, labor and equipment necessary to complete rock slope scaling, install ring net drape and secured drape netting systems and related work per the project plans and specifications.
2. Important dates:
 - a. Offer due date and time is at 2:00 pm on July 16, 2015 Honolulu and Kauai offices.
 - b. Bid opening will be at the two locations.
3. Critical and unique requirements for this project.
 - a. Project requires State Contractor's license, classification C68RL.
 - b. Road Permit is required for work on Ko Road. Road Permit Application can be available from County of Kauai Website.
 - c. Traffic Control allows road closure no longer than 60 minutes.
 - d. Temporary right of entry for entering Eleele Elementary School located at the top of cliff face is in progress.
 - e. Staging areas are available at two areas. It is in discussion that staging at the school. If it is available and used, successful bidder shall install appropriate barriers for public safety and prevent trespassing into construction area at no additional cost to State.
 - f. If the successful bidder plans to deploy helicopter to move material, successful bidder shall inform the school and public in advance.
 - g. Hawaiian hoary bat (HHB) *Lasiurus cinereus semotus* is listed in both state and federal endangered list. The HHB is known to exist throughout the main Hawaiian island. From June to September 15 is the birthing and pup rearing season. They will use trees that are greater than 15 feet or 4.6 meters in height to raise their young. If the project requires removal of trees or partial cutting trees taller than 15 feet or 4.6 meters, it is recommended that this be accomplished between September 16 to May 31. If trees must be cut inside of the pupping season, it is recommended that a qualified wildlife biologist to survey the trees for roosting bats prior to tree cutting activity at no extra cost to the State.

The above summary is our understanding of the discussions during this meeting.

Submitted by:

Brian Chang

Engineering Division

Department of Land and Natural Resources

SIGN-IN SHEET

PRE-BID CONFERENCE FOR

Job Number: J45CK46A

Date: June 30, 2015

Job Title: KO ROAD ROCKFALL MITIGATION – MAKAI SECTION, PART ONE, HANAPEPE, KAUAI, HAWAII

	<u>Name</u>	<u>Company</u>	<u>Email Address</u>	<u>Phone</u>
1	Brian Chang	DLNR/Eng Div	Brian.k.chang@hawaii.gov	587-0250
2	Cliff Tillotson	Prometheus	cliffT604@aol.com	844-0428
3	Simone Kousseau	Ameritech	Treccold@Ameritech.com	8085909694
4	Graham Bianchi	HI-TECH Rockfall Construction	Graham@hi-techrockfall.com	808-754-578
5	Alyssa Carver	EARTHWORKS PACIFIC, INC	alyssa@EARTHWORKSPACIFIC.com	(808) 224-6808
6	Brian Mohnke	Prometheus Construction	Brian@prometheusconstruction.com	8088640460
7	Tim Blackwood	Hart Crane	tim.blackwood@hartcrane.com	587-7747
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Meeting location – Ko Road , Hanapepe, Kauai on June 30, 2015 at 9:30 a.m.